



ALLEGAN COUNTY

PRIMARY ROAD MILLAGE

JANUARY 2-4, 2024



TOPICS

- ***ALLEGAN COUNTY ROAD COMMISSION INFORMATION***
- ***MILLAGE HISTORY & GUIDELINES***
- ***2023 COMPLETED PROJECTS***
- ***2024 PROPOSED PROJECTS***
- ***FUTURE PROPOSED PROJECTS***
- ***DISCUSSION & QUESTIONS***



ALLEGAN COUNTY ROAD COMMISSION INFORMATION

- Responsible for 1,800 miles (5th in State) of roadway and 154 bridges (9th in State) within 24 townships (4th in the State)
 - 522 Primary Miles
 - 495 miles paved
 - 27 miles gravel
 - 1278 Local Miles
 - 680 miles paved
 - 598 miles gravel
 - 67 miles seasonal, not maintained in winter
 - 154 Bridges
 - 50 Primary System
 - 105 Local System
 - Bridge Classification: A structure with a minimum span of 20'
(Can be a combination of culverts)
 - 27 of the 154 are posted for a lower allowable weight limit



2022 ROAD COMMISSION REVENUES

The Road Commission receives revenue through the Michigan Transportation Fund (MTF) from fuel tax and vehicle registrations. This revenue is primarily used to pay operating and maintenance costs of the roads in Allegan County including payroll, equipment, materials, utility cost, etc. The Road Commission's MTF revenue was \$18,258,223.

Federal and State funding acquired for roads and bridges totaled \$2,357,889.

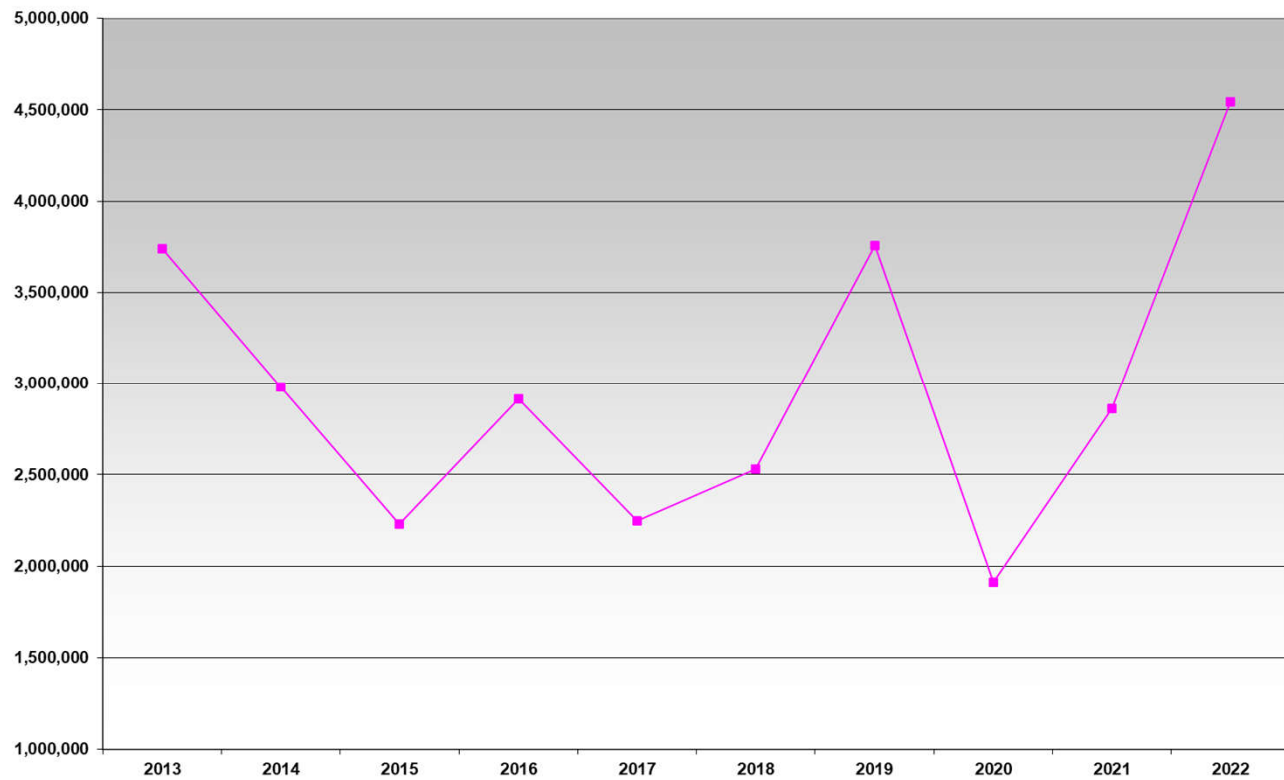
Local Revenue:

The Primary Millage raised \$4,167,810 and township contributions added an additional \$11,182,664 for preventative maintenance and improvements to the local road system and activities like shoulder paving on the primary road system.

Locally raised revenues in Allegan County are consistently higher than most road commissions in the state.



Winter Maintenance



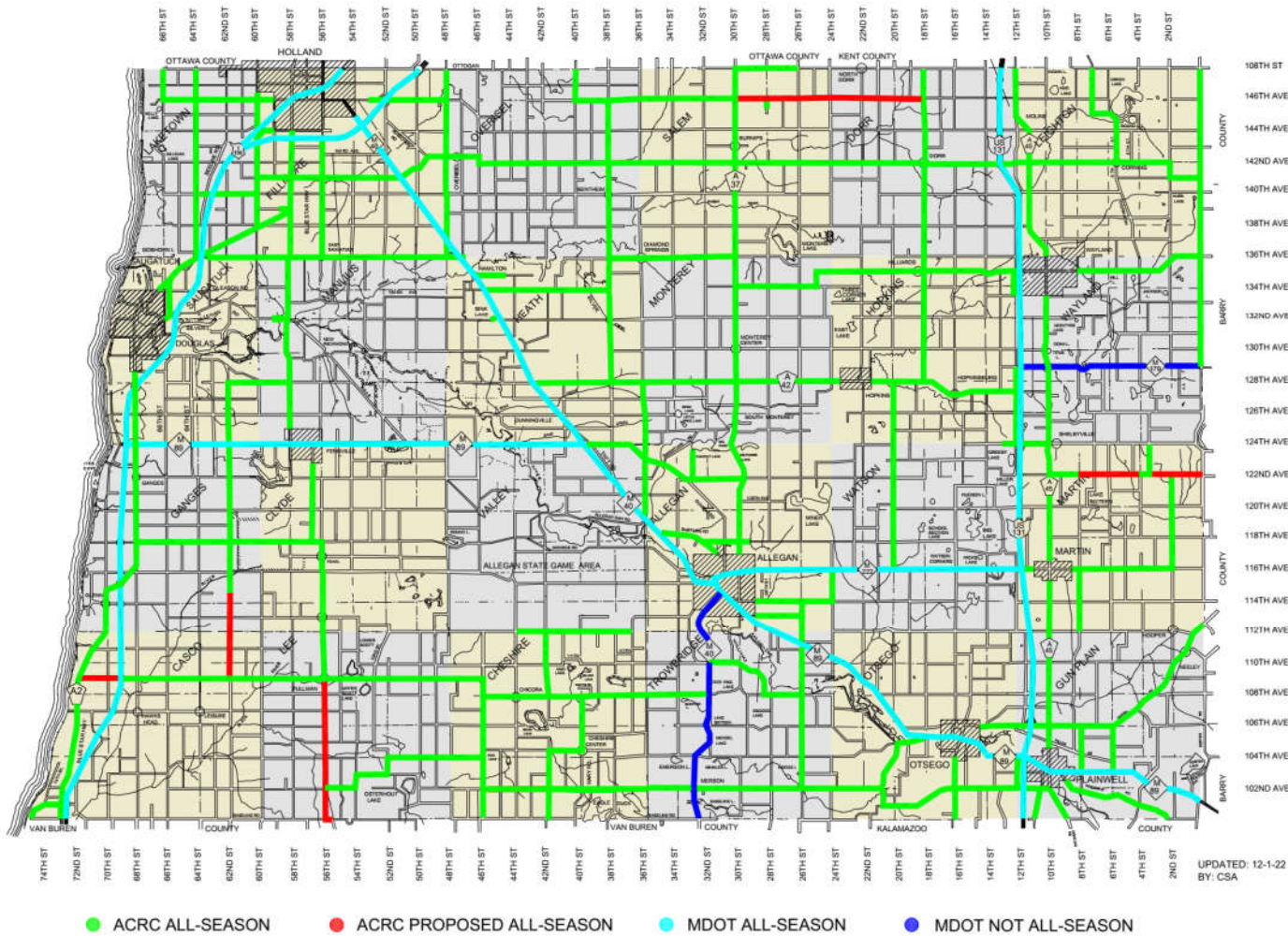
HOT MIX ASPHALT PRICES

YEAR	Local Roads			Primary Roads		
	(\$/ton)	Yearly Change	% Change	(\$/ton)	Yearly Change	% Change
2005	\$27.26			\$24.79		
2006	\$34.00	\$6.74	24.7%	\$33.27	\$8.48	34.2%
2007	\$39.38	\$5.38	15.8%	\$38.83	\$5.56	16.7%
2008	\$54.72	\$15.34	39.0%	\$48.50	\$9.67	24.9%
2009	\$46.91	-\$7.81	-14.3%	\$47.63	-\$0.87	-1.8%
2010	\$48.33	\$1.42	3.0%	\$49.92	\$2.29	4.8%
2011	\$44.14	-\$4.19	-8.7%	\$43.59	-\$6.33	-12.7%
2012	\$49.82	\$5.68	12.9%	\$50.49	\$6.90	15.8%
2013	\$53.22	\$3.40	6.8%	\$53.60	\$3.11	6.2%
2014	\$51.01	-\$2.21	-4.2%	\$52.48	-\$1.12	-2.1%
2015	\$52.28	\$1.27	2.5%	\$58.40	\$5.92	11.3%
2016	\$49.07	-\$3.21	-6.1%	\$52.36	-\$6.04	-10.3%
2017	\$48.34	-\$0.73	-1.5%	\$53.32	\$0.96	1.8%
2018	\$49.69	\$1.35	2.8%	\$50.81	-\$2.51	-4.7%
2019	\$60.87	\$11.18	22.5%	\$60.18	\$9.37	18.4%
2020	\$65.35	\$4.48	7.4%	\$60.64	\$0.46	0.8%
2021	\$66.00	\$0.65	1.0%	\$61.00	\$0.36	0.6%
2022	\$62.48	-\$3.52	-5.3%	\$62.83	\$1.83	3.0%
2023	\$66.17	\$3.69	5.9%	\$68.13	\$5.30	8.4%
2024*	\$69.00	\$3.69	5.9%	\$72.25	\$4.12	6.1%

*Projected



ALL-SEASON ROUTES



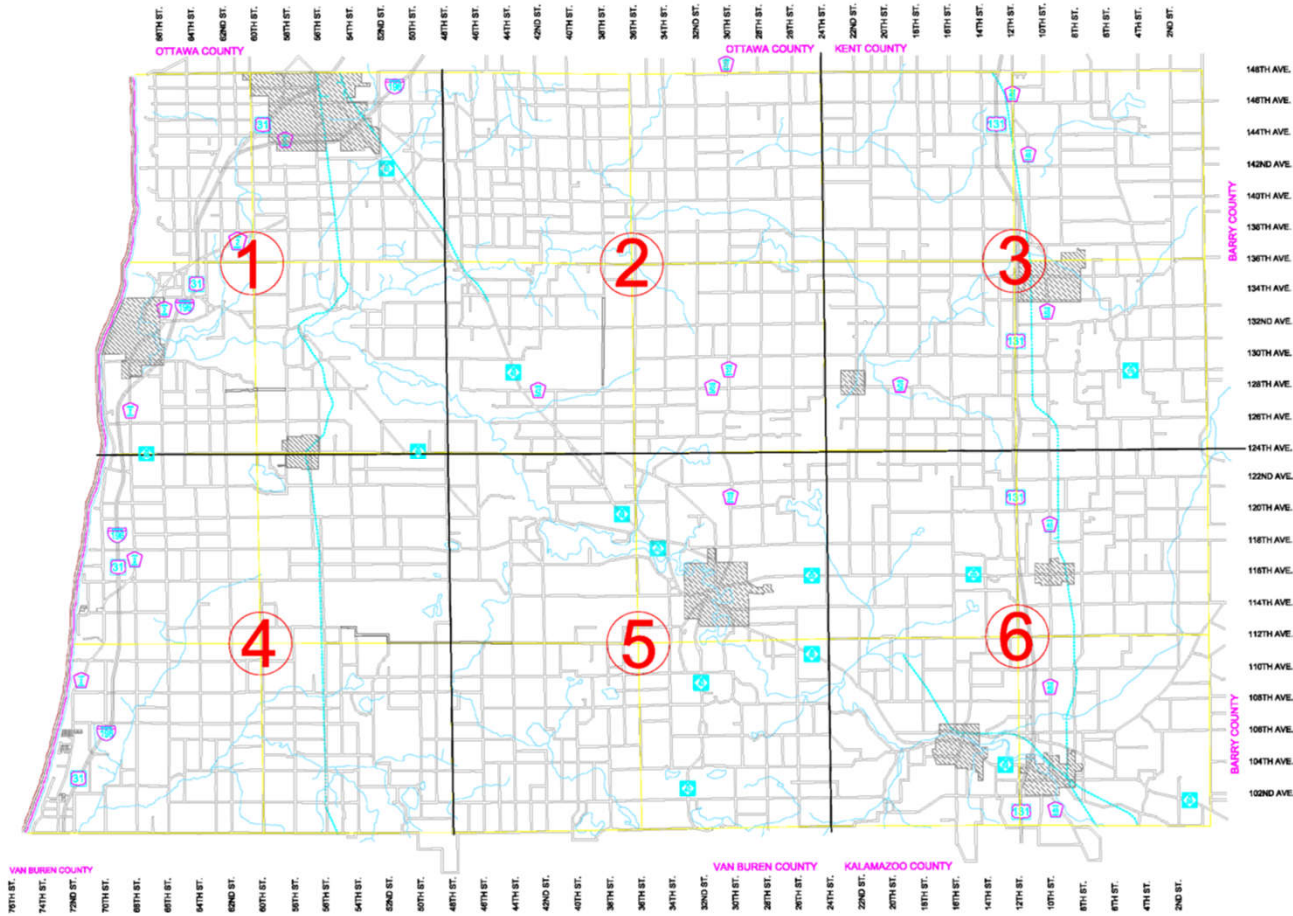


ALLEGAN COUNTY MILLAGE HISTORY

- 1968 a one mill tax was established for bridge & culvert replacement on county roads.
 - 1968-1982 there were 111 bridges and culverts replaced with the millage.
- 1982 the millage language changed from bridge and culvert replacement to primary road resurfacing.
- 2008 the millage language was revised again to include “preservation and preparation” along with resurfacing.
- 2024 is the 6th year of the renewed 6-year millage.



6 PRIMARY MILLAGE AREAS



MILLAGE AREA MILEAGE

Area	Township	Primary (Miles)	Total (Miles)	% of Area	% of Total	Ranking (Miles)
1	Laketown	17.7	78.5	22.5%	15.1%	4th
	Fillmore	27.4		34.9%		
	Saugatuck	21.1		26.9%		
	Manlius	12.4		15.7%		
2	Overisel	18.2	71.0	25.6%	13.7%	6th
	Salem	19.6		27.6%		
	Heath	14.3		20.1%		
	Monterey	18.9		26.6%		
3	Dorr	22.0	97.1	22.7%	18.7%	2nd
	Leighton	24.7		25.5%		
	Hopkins	23.0		23.6%		
	Wayland	27.4		28.2%		
4	Ganges	33.3	104.1	32.0%	20.0%	1st
	Clyde	18.7		18.0%		
	Casco	29.9		28.7%		
	Lee	22.3		21.4%		
5	Valley	17.0	91.4	18.6%	17.6%	3rd
	Allegan	30.4		33.2%		
	Cheshire	26.5		29.0%		
	Trowbridge	17.6		19.3%		
6	Watson	14.1	77.9	18.0%	15.0%	5th
	Martin	21.9		28.1%		
	Otsego	18.5		23.7%		
	Gun Plain	23.5		30.2%		



FINANCIAL GUIDELINES

- **Millage Revenue:**
 - ~30% to Cities & Villages
 - ~70% to Road Commission
- **Road Commission's Revenue:**
 - Split equally between 6 areas
 - Each area contains 4 townships
 - Each area carries a balance from year to year
- **Township Contributions – Primary Roads:**
 - Shoulder Paving – (2" of asphalt) x (additional shoulder width) x (project length) x (contracted unit price)
 - Renovation Projects - \$35,000/mi
 - Work outside existing road shoulders (widening, clearing, ditching)
 - Reconstruction Projects - \$50,000/mi
 - Existing gravel road with full base/sub-base reconstruction
 - Crush, Shape, & Resurface or Mill & Resurface Projects within existing shoulders won't require contributions
- **Road Commission Responsibility:**
 - Develop plan/proposed projects
 - Present to townships
 - Oversee projects



PROJECT SELECTION

- **Current Pavement Conditions:**
 - Pavement Surface Evaluation & Ratings (PASER)

- **Road History:**
 - When & how was the road constructed & paved
 - Last resurfacing or preventative maintenance

- **Other Considerations:**
 - Cause of Pavement Distresses (traffic loads, poor soils, poor drainage, age, etc.)
 - Traffic Volumes (Commercial Volumes)
 - All-Season Routes
 - Maintenance Costs
 - Project Costs
 - Safety



PASER RATING GUIDELINES

- Good Ratings: 8, 9, & 10
 - No maintenance required
- Fair Ratings: 5, 6, & 7
 - 7 - Crack Seal
 - 5 or 6 - Chip and Fog Seal
- Poor Ratings: 1, 2, 3, & 4
 - Time to Resurface
 - Milling, Crush & Shape, or Reconstruction extends pavement life
- Rating resets when treatment is completed
 - Reconstruction: 10
 - Resurface: 9
 - Chip Seal: 8
 - Crack Seal: Does not reset rating but extends pavement life

Asphalt PASER

Modified for Michigan TAMC Data Collection

◆ Denotes Priority Distress

	Asphalt 10	Asphalt 9	Asphalt 8
Good	New construction No defects Less than 1 year old Only a "10" for 1 year <u>Recent base improvement</u> No action required	Like new condition No defects More than 1 year old <u>Recent overlay with or without a crush and shape</u> No action required	◆ Occasional transverse crack >40' apart ◆ Crack width tight (hairline) or sealed Few if any longitudinal cracks on joints <u>Recent seal coat or slurry seal (*see below)</u> Little or no maintenance required
	Asphalt 7	Asphalt 6	Asphalt 5
Fair	◆ Trans. cracks 10'-40' apart ◆ Cracks open < ¼" Little or no crack erosion Little or no raveling Few if any patches in good condition <u>First signs of wear</u> <u>Suggested Action</u> Maintain with crack seal	◆ Trans. cracks less than 10' apart ◆ Initial block cracking (6'-10' blocks) ◆ Cracks open ¼" - ½" Blocks are large and stable Slight to moderate polishing or flushing No patches or few in good condition Slight raveling <u>Sound structural condition</u> <u>Suggested Action</u> Maintain with sealcoat	◆ Secondary cracks (crack raveling) ◆ Moderate block cracking (1' - 5' blocks) ◆ First sign of longitudinal cracks at edge ◆ Cracks open >½" Patching/wedging in good condition Moderate raveling Extensive to severe flushing & polishing <u>Sound structural condition</u> <u>Suggested Action</u> Maintain with sealcoat or thin overlay
	Asphalt 4	Asphalt 3	Asphalt 2
Poor	◆ Longitudinal cracking in the wheel paths ◆ Rutting ½" - 1" deep ◆ Severe block cracking: <1' blocks Severe surface raveling Multiple longitudinal & transverse cracks with slight crack erosion Patching in fair condition <u>First signs of structural weakening</u> <u>Suggested Action</u> Structural overlay >2"	◆ < 25% alligator cracking (first signs) ◆ Moderate rutting 1" - 2" deep ◆ Severe block cracking (Alligator) Longitudinal & transverse cracks showing extensive crack erosion Occasional potholes Patches in fair/poor condition <u>Suggested Action</u> Structural overlay >2" Patching & repair prior to a major overlay Milling would extend overlay life	◆ > 25% alligator cracking ◆ Severe rutting or distortion >2" Closely spaced cracks with erosion Frequent potholes Extensive patches in poor condition <u>Suggested Action</u> Reconstruction with base repair Crush and shape possible
			Asphalt 1 Loss of surface integrity Extensive surface distress <u>Suggested Action</u> Reconstruction with base repair



MILLAGE PROJECT TOTALS

- From 1983-2023 the millage has raised \$85,428,284 which has funded:
 - 757 miles of paving (33 in 2023)
 - *Some roads have been resurfaced multiple times
 - 278 miles of chip seal & fog coat (15 in 2023)
 - 336 miles of crack sealing (13 in 2023)
 - 14 large culvert replacements
- ACRC Contributions (MTF) in 2023
 - ~\$1,050,000 to fund or supplement millage funds on several primary projects



2023 Completed Primary Projects

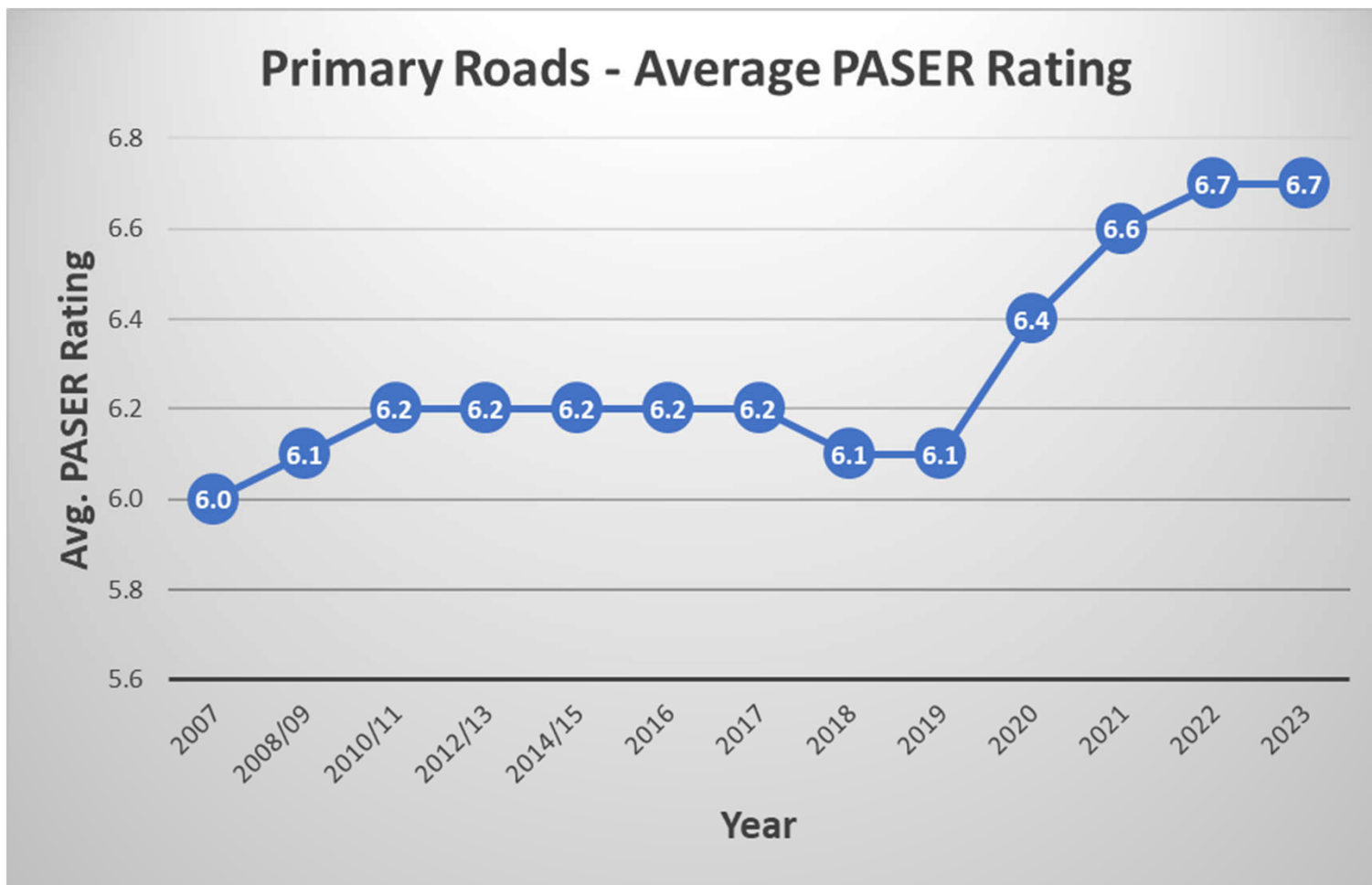
AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	TOWNSHIP & OTHER CONTRIBUTIONS		BID PRICE	MILLAGE COST
1	All	136th Ave, 58th St to 50th St (2023)	Resurface, HMA 4EL - 220 #/syd	4.00	MACC-Urban	\$792,000.00	\$996,500.00	\$204,500.00
	Saugatuck/Manlius	Old Allegan Rd, Blue Star Hwy to 58th St	Mill and Resurface, HMA 4EL - 220 #/syd	4.24	Saugatuck Twp.	\$200,000.00	\$717,044.00	\$517,044.00
	Saugatuck/Manlius	128th Ave, 62nd St to 58th St	Chip and Fog seal	1.98			\$70,000.00	\$70,000.00
	Saugatuck	Holland St, west of Blue Star Hwy	Crack, Chip and Fog Seal	0.64			\$20,000.00	\$20,000.00
SUB-TOTAL AREA 1				10.86	\$992,000.00		\$1,713,544.00	\$811,544.00
2	Monterey	134th Ave/25th St/135th Ave, 30th St to Hopkins Twp line	Crack, Chip and Fog Seal	4.49			\$160,000.00	\$160,000.00
	Heath/Overisel	38th St, 134th Ave to 142nd Ave	Mill and Resurface, HMA 4EL - 220 #/syd	3.99			\$691,900.00	\$691,900.00
SUB-TOTAL AREA 2				8.48	\$0.00		\$691,900.00	\$851,900.00
3	Dorr/Hopkins	18th Street, 135th Avenue to 142nd Avenue	Crack, Chip and Fog Seal	3.44			\$120,000.00	\$120,000.00
	Dorr/Leighton	14th St & 144th Ave, 142nd Ave to Division St	Crack, Chip and Fog Seal	2.45			\$90,000.00	\$90,000.00
	Hopkins/Wayland	128th Avenue & 12th Street, 14th Street to 129th Ave	Mill and Resurface, HMA 4EL - 220 #/syd	1.67			\$235,200.00	\$235,200.00
SUB-TOTAL AREA 3				7.56	\$0.00		\$445,200.00	\$445,200.00



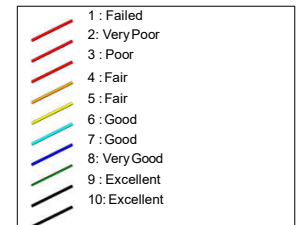
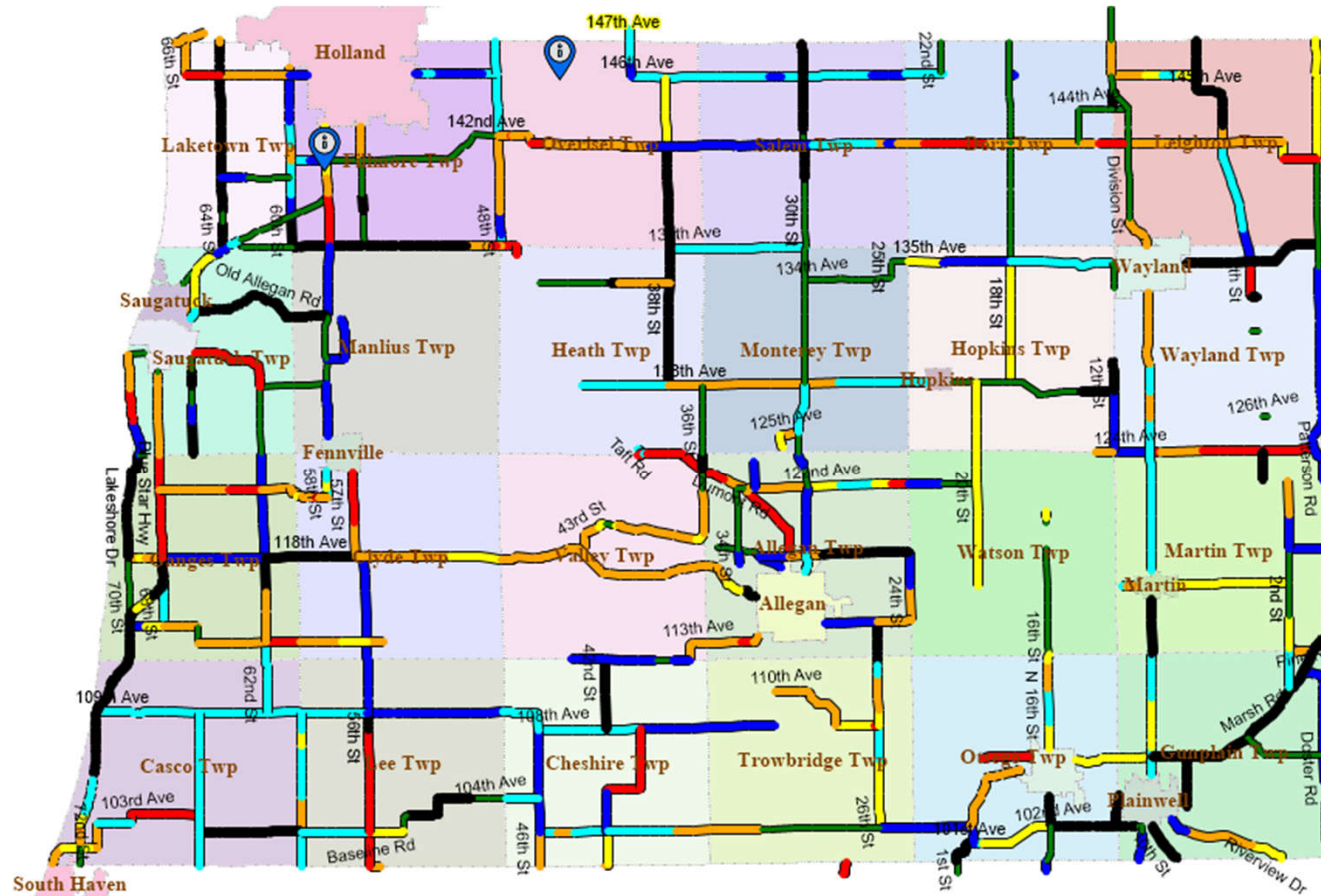
2023 Completed Primary Projects

AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	TOWNSHIP & OTHER CONTRIBUTIONS		BID PRICE	MILLAGE COST
4	Casco	102nd Ave, 66th St to 60th St	Resurface, HMA 4EL - 220 #/syd	2.99			\$511,700.00	\$511,700.00
			SUB-TOTAL AREA 4	2.99		\$0.00	\$511,700.00	\$511,700.00
5	Allegan	26th St, M-89 to 114th Ave (2023)	Resurface, HMA 4EL - 220 #/syd	1.26	MDOT Buy Out	\$139,500.00	\$221,800.00	\$82,300.00
	Allegan	118th Ave, Industrial Dr to 24th St	Renovate and Resurface HMA 4EL - 220 #/syd	2.60	Allegan (REN, PS, WIDEN)	\$360,000.00	\$1,762,500.00	\$1,152,500.00
					ACRC (MTF)	\$250,000.00		
	Cheshire	42nd St, 108th Ave to 112th Ave	Pave, HMA 4EL - 440 #/syd (2 courses)	2.00	Cheshire (PS)	\$89,056.00	\$645,000.00	\$555,944.00
			SUB-TOTAL AREA 5	5.86		\$838,556.00	\$2,629,300.00	\$1,790,744.00
6	Watson	16th St, 112th Ave to Timber Ridge Bay	Crack, Chip and Fog Seal	3.16			\$100,000.00	\$100,000.00
	Otsego	16th St, 102nd Ave to City of Otsego	Mill and Resurface, HMA 4EL - 220 #/syd	0.82	Small Urban	\$187,500.00	\$237,500.00	\$50,000.00
	Otsego	12th St, 102nd Ave to M-89	Mill and Resurface, HMA 4EL - 220 #/syd	1.00	Small Urban	\$187,500.00	\$237,500.00	\$50,000.00
	Gun Plain	106th Ave & Marsh Rd, 10th St to County Line	Resurface, HMA 4EL - 220 #/syd	6.68	MDOT Buy Out	\$724,680.00	\$1,069,900.00	\$0.00
					State D - Direct Grant	\$396,000.00		
	Martin	10th St, 112th Ave to Village of Martin	Mill, Chipseal, and Resurface, HMA 4EL - 220 #/syd	1.63			\$357,700.00	\$357,700.00
			SUB-TOTAL AREA 6	13.29		\$1,120,680.00	\$1,427,600.00	\$557,700.00
			GRAND TOTAL	49.04		\$2,951,236.00	\$7,419,244.00	\$4,968,788.00

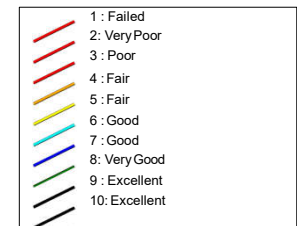
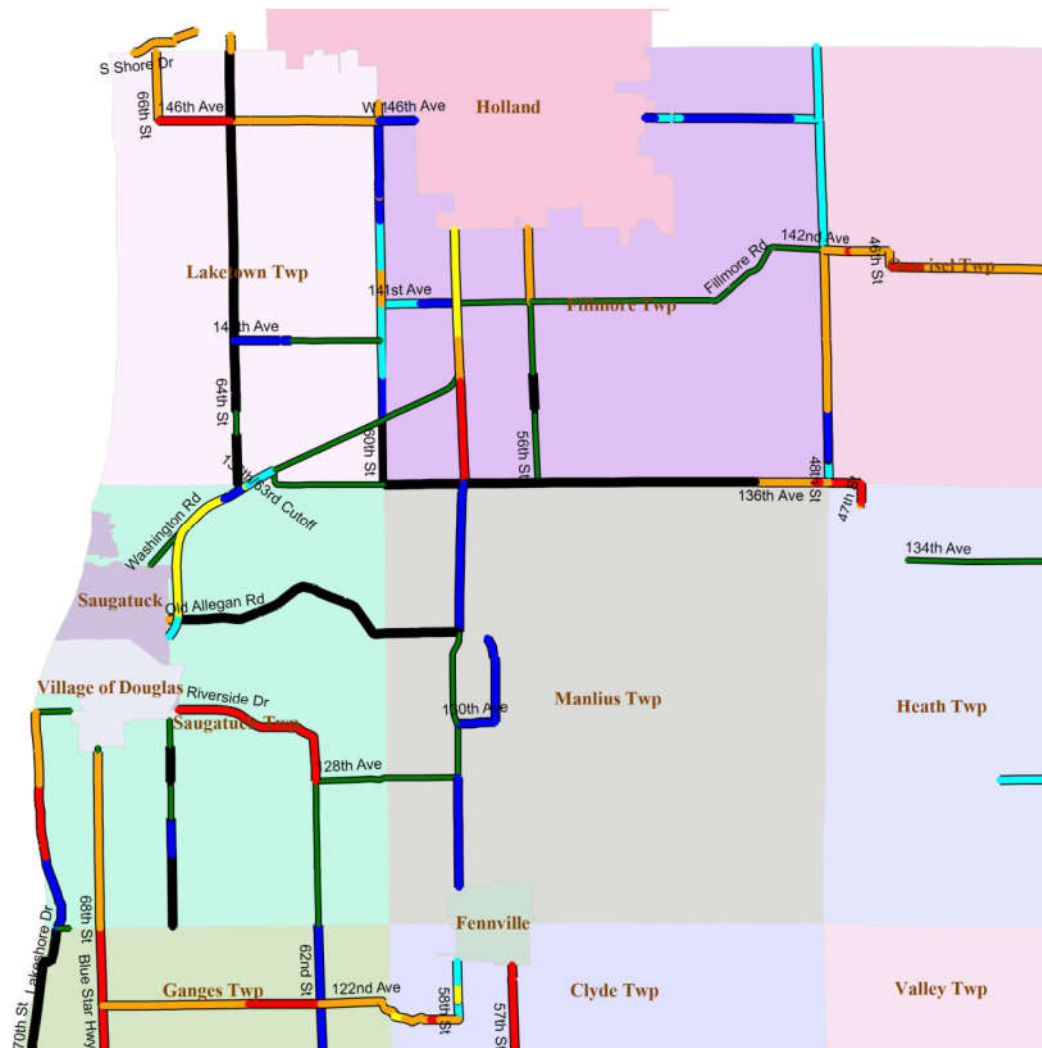




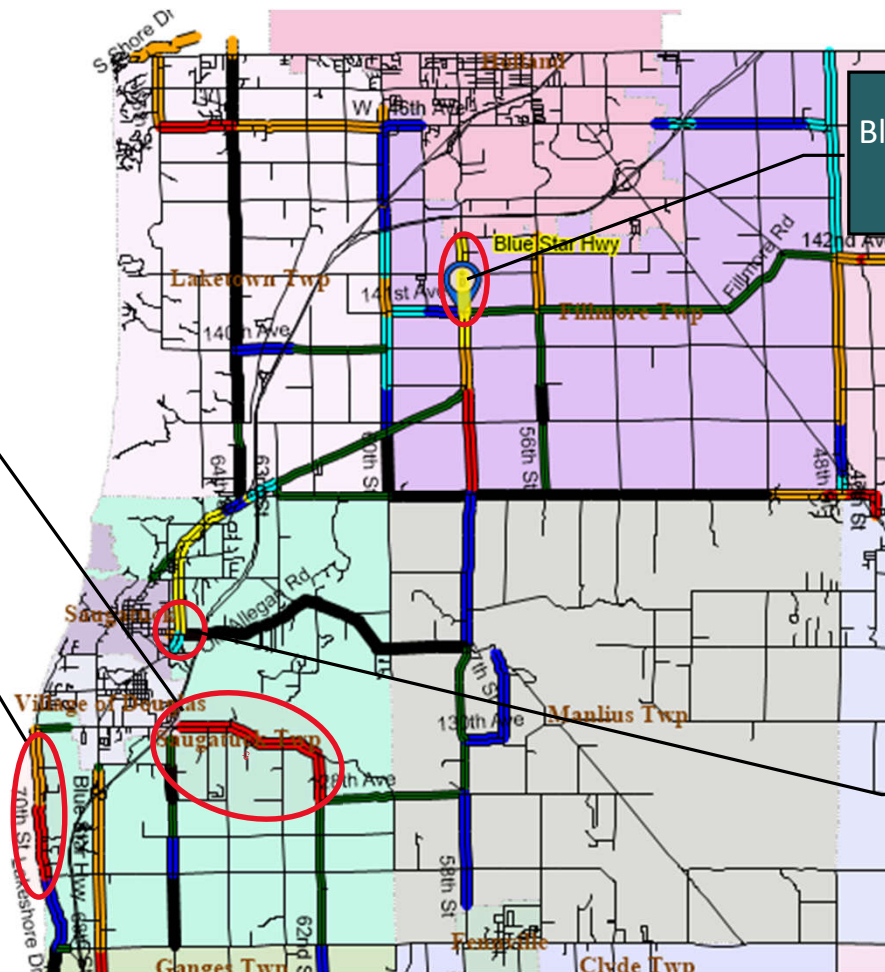
Latest Primary PASER Ratings



AREA 1 – PASER RATINGS



2024 Proposed Projects – AREA 1



Riverside Dr/62nd St – Village of
Douglas to 128th Ave
(Resurface with 2" HMA)

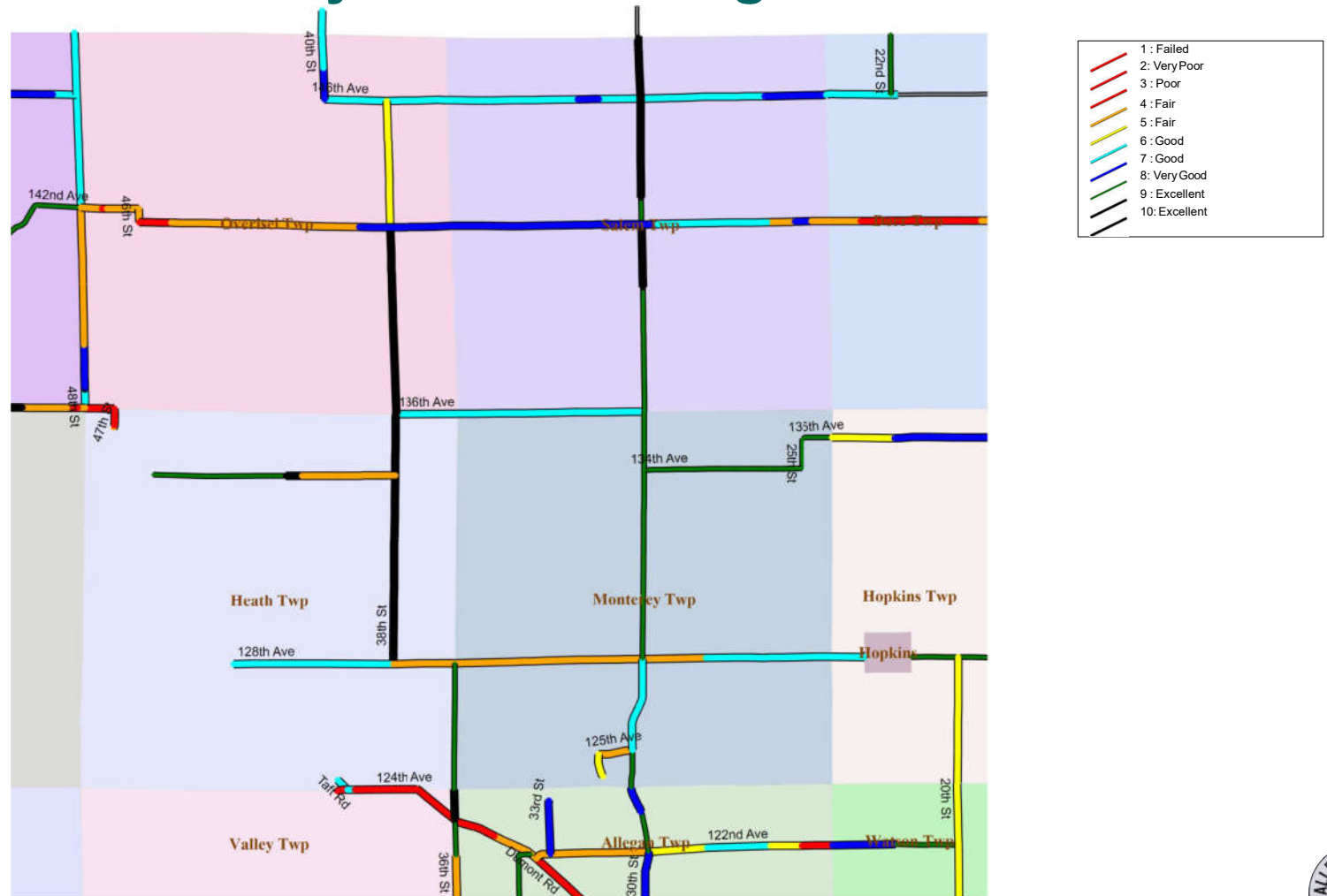
Lakeshore Drive – 126th Ave to End
(Resurface with 2" of HMA)

Blue Star Highway – 141st Ave to 143rd Ave
(Crush and Shape, Widen to 3 lanes)

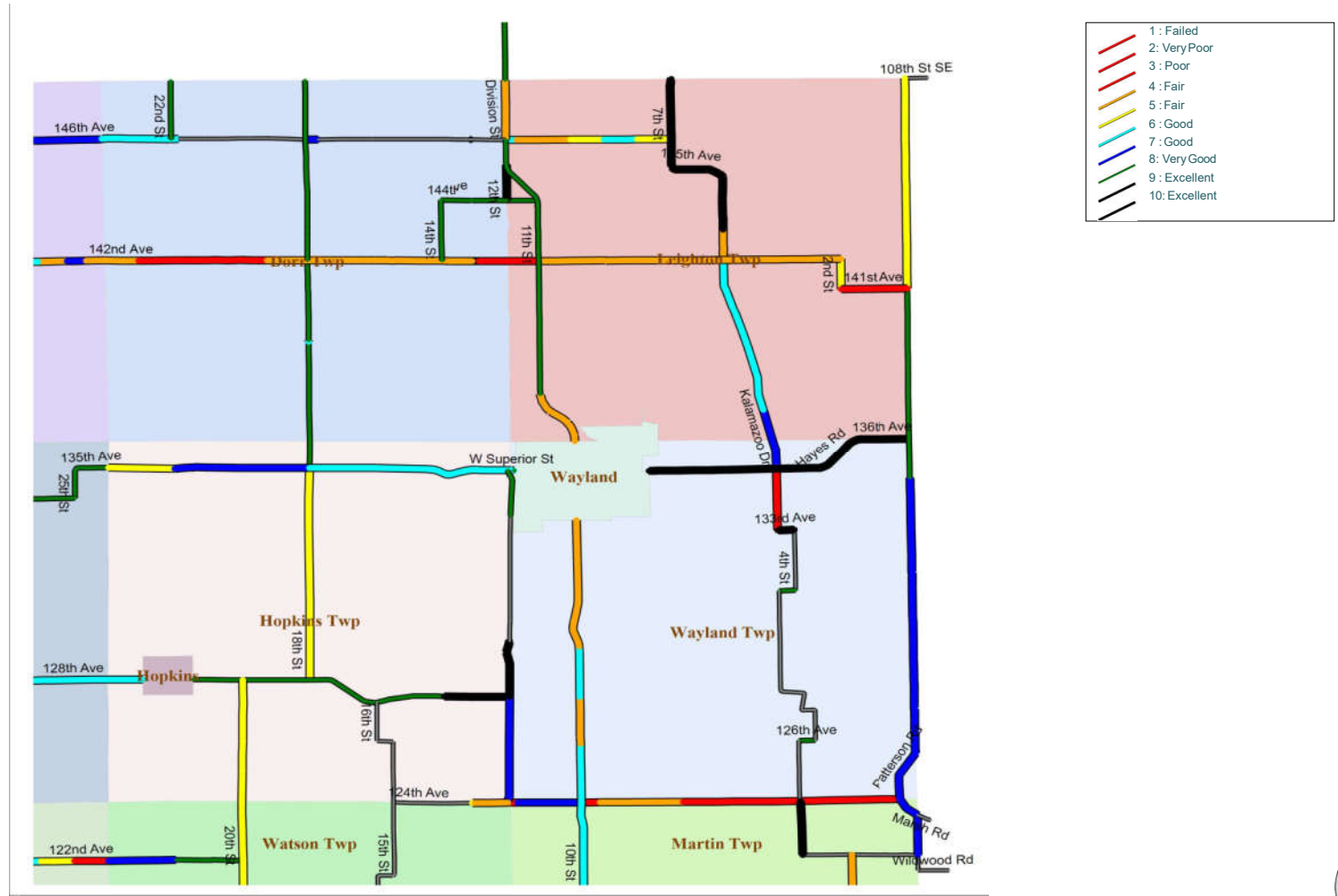
Blue Star Highway at Old Allegan Rd (Construct Roundabout)



Latest Primary PASER Ratings – AREA 2



Latest Primary Paser Ratings – AREA 3



2024 Proposed Projects – AREA 3

142nd Avenue – 23rd Street to Division
(Mill and Fill with 2" HMA)

135TH Avenue – 18th Street to US-131
(Crack Seal)

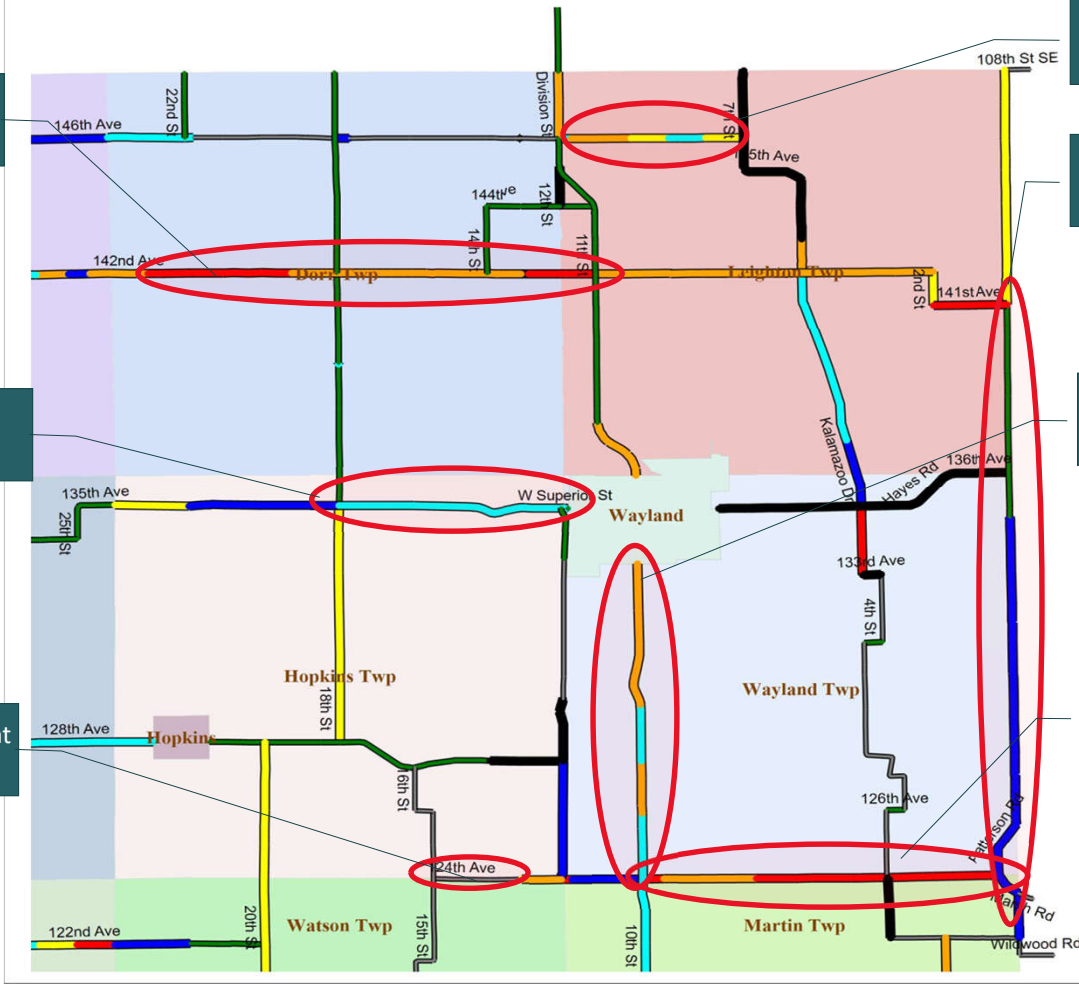
124th Avenue – 15th Street to Existing Pavement
(Reconstruct)

146th Avenue – Division St to 7th Street
(Crack, Chip, and Fog Seal)

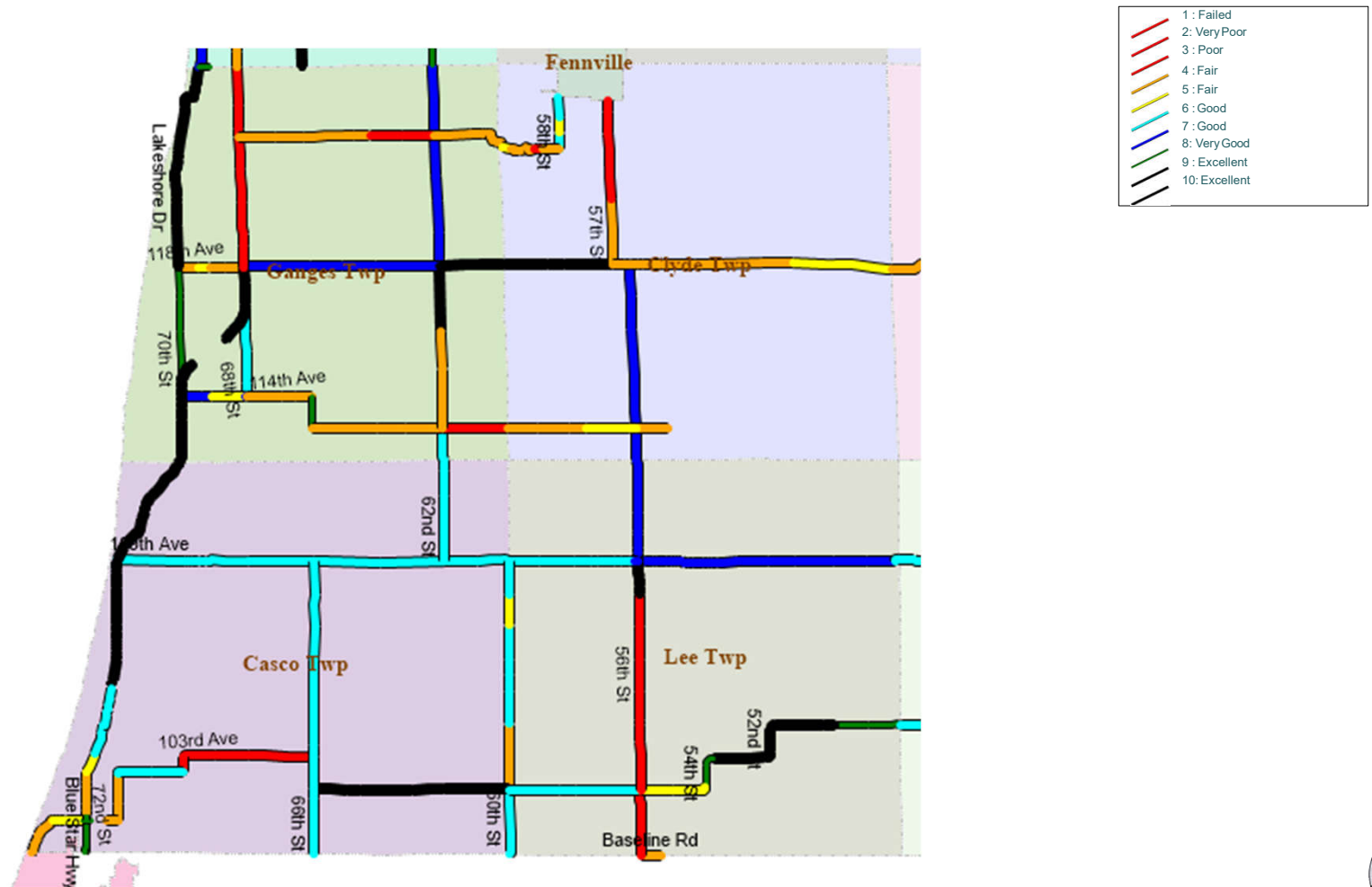
Patterson Rd – Barry County Line to 141st Ave
(Crack Seal)

10th Street – 124th Ave Wayland City Limits
(Crack, Chip, and Fog Seal)

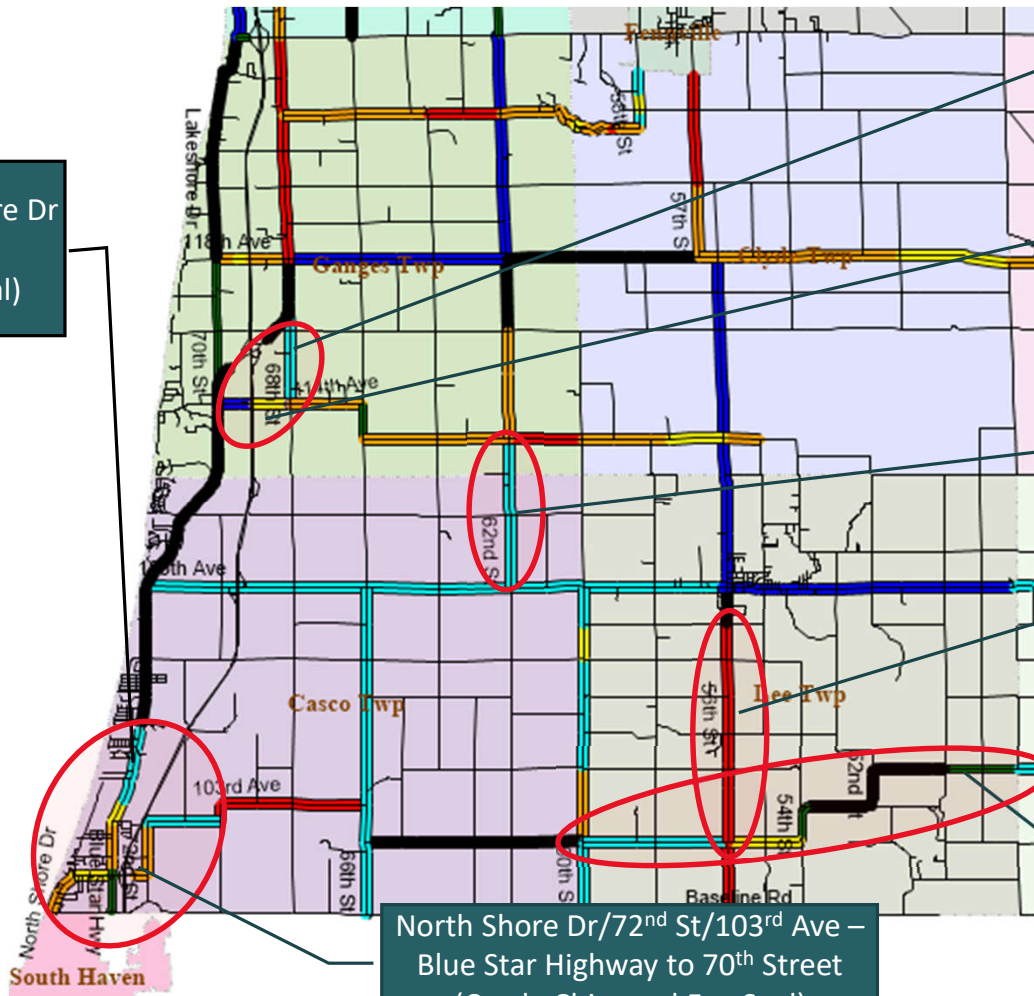
124th Avenue – 10th Street to Patterson Rd
(Mill and Fill with 2" HMA)



Latest Primary Paser Ratings – AREA 4



2024 Proposed Projects – AREA 4



68th St – 114th Ave to Blue Star Highway
(Crack Seal)

114th Ave – Blue Star Highway to 68th St
(Crack, Chip, and Fog Seal)

62nd St – 109th Ave to 113th Ave
(Crack, Chip, and Fog Seal)

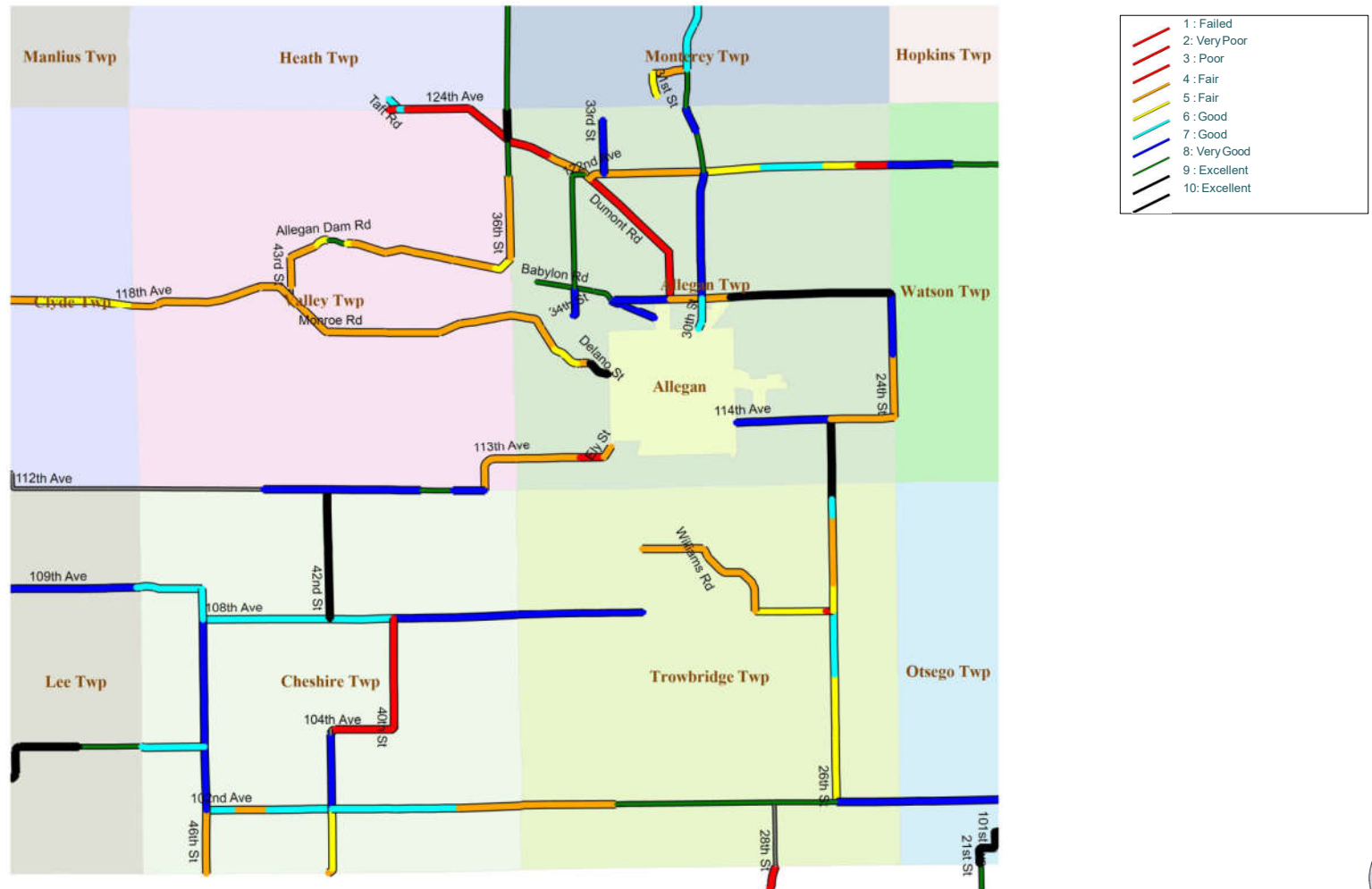
56th St – 102nd Ave to 109th Ave
(Resurface with 2" of HMA)

102nd/54th/103rd/52nd – 60th St to 46th St
(Crack, Chip, and Fog Seal)

North Shore Dr/72nd St/103rd Ave –
Blue Star Highway to 70th Street
(Crack, Chip, and Fog Seal)



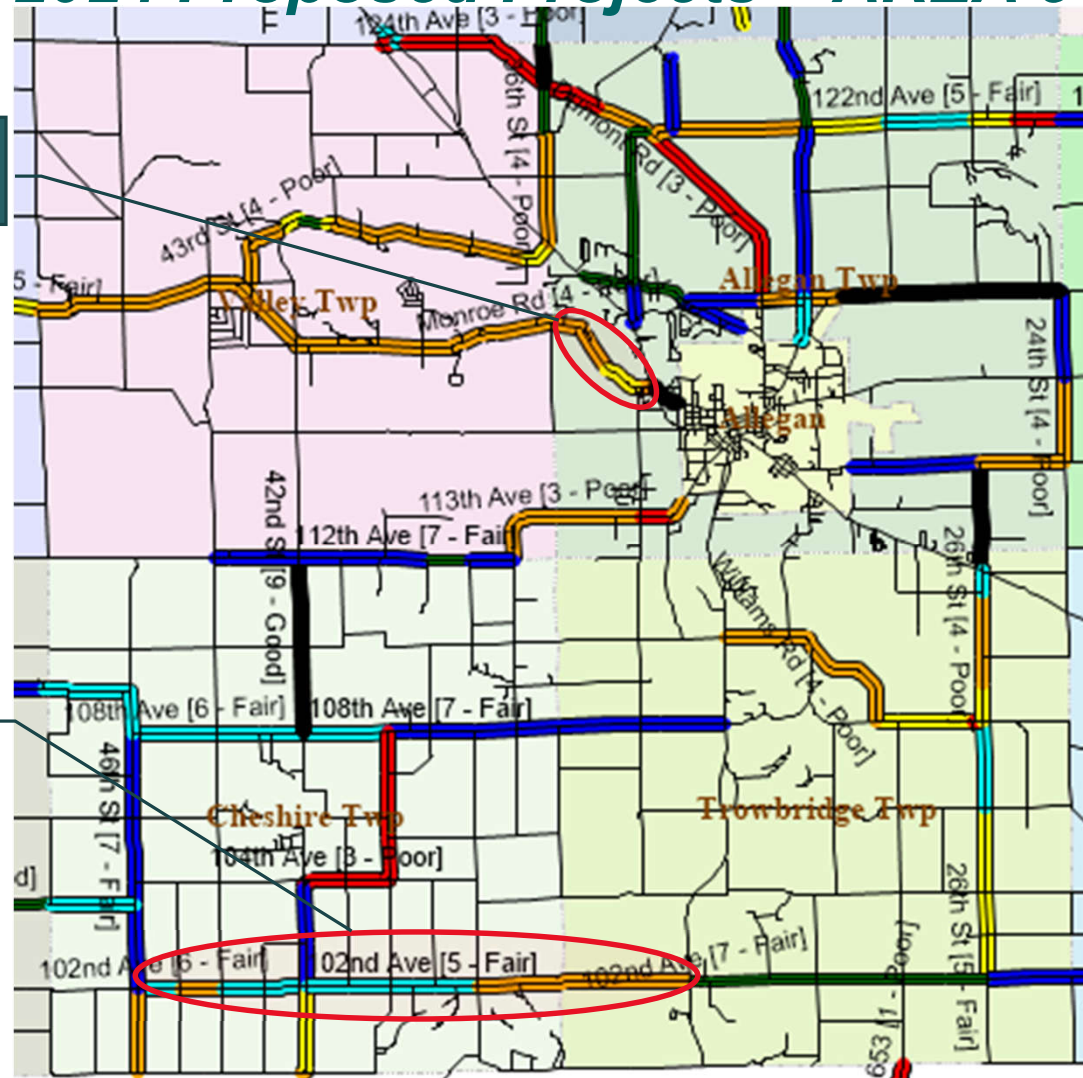
Latest Primary Paser Ratings – AREA 5



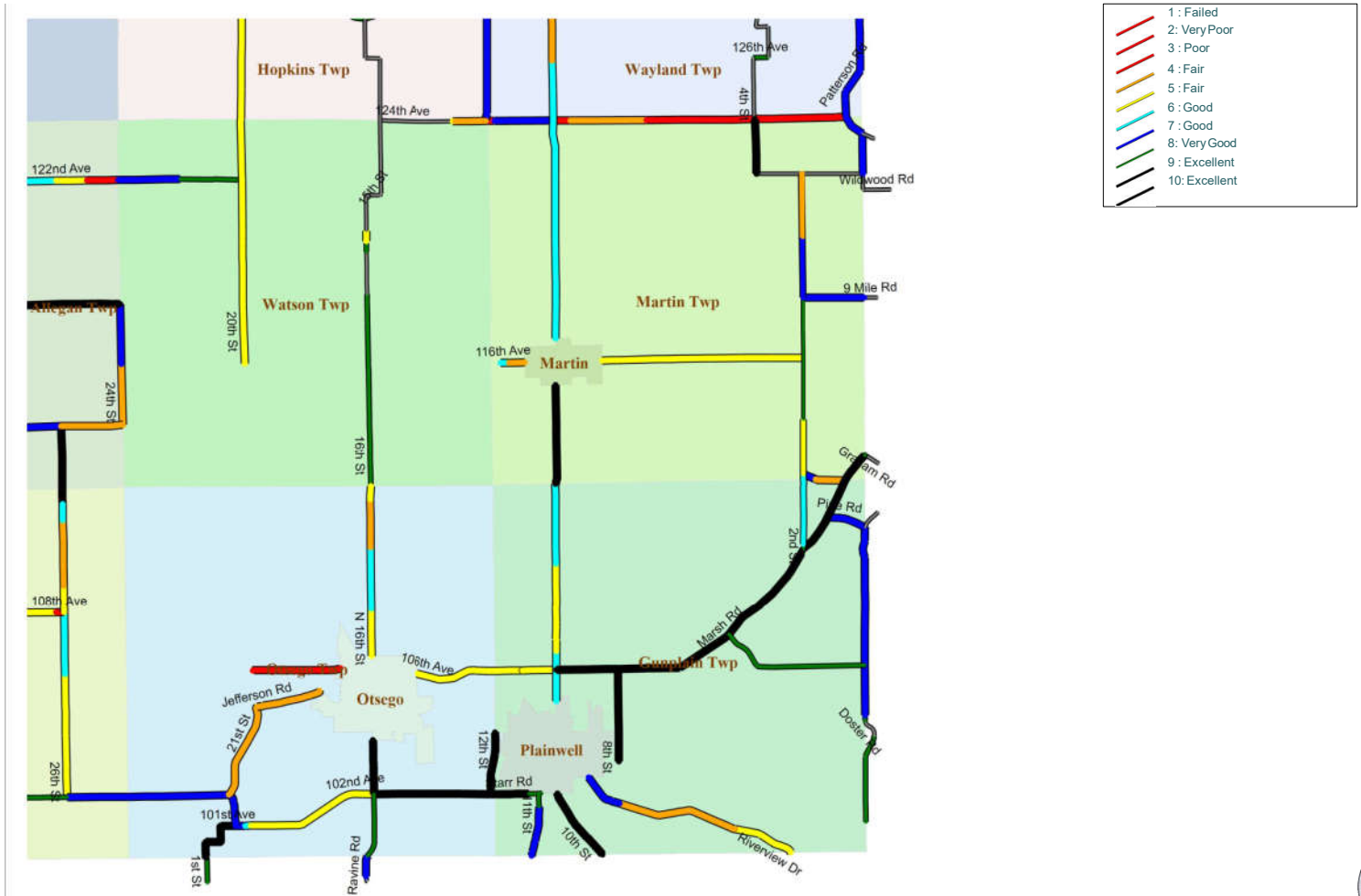
2024 Proposed Projects – AREA 5

Monroe Road – M-40 to Grove St
(Mill and Resurface with 2"HMA)

102nd Avenue – 46th St to M-40
(Crack Seal)

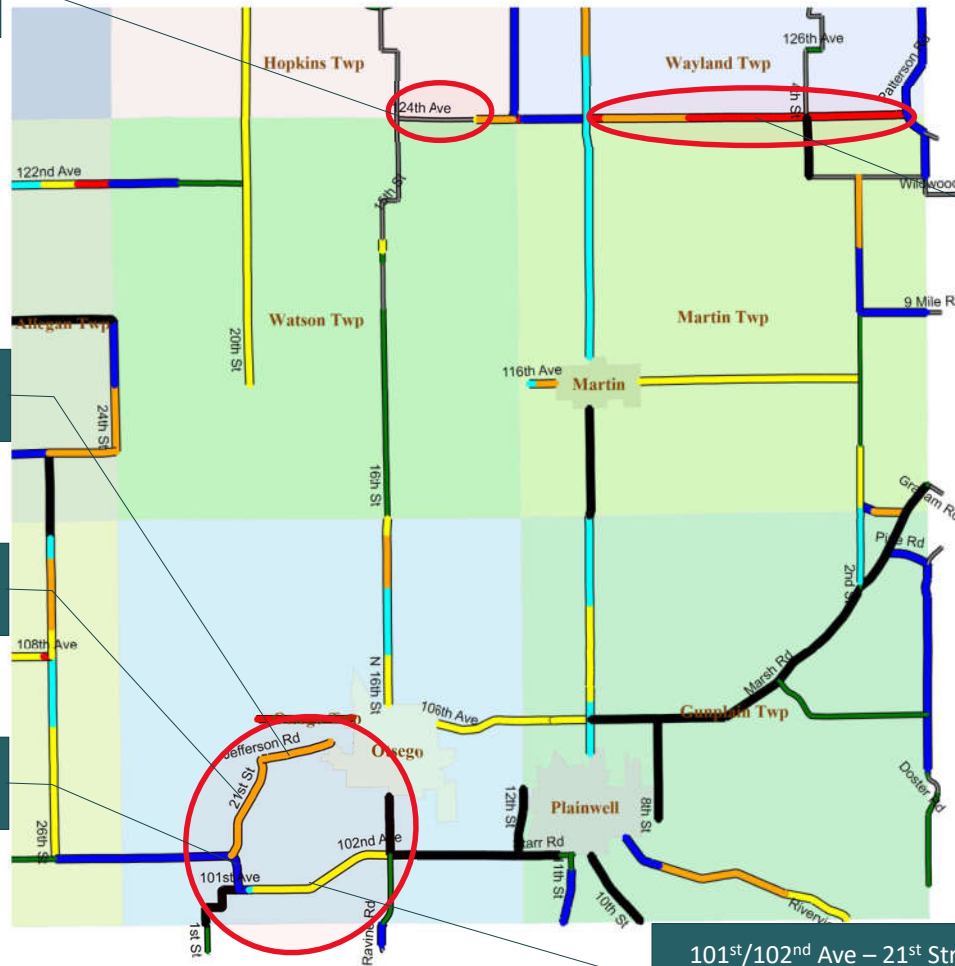


Latest Primary Paser Ratings – AREA 6



2024 Proposed Projects – AREA 6

124th Avenue – 15th Street to Existing Pavement
(Reconstruction)



124th Avenue – 10th Street to Patterson Road
(Mill and Fill with 2" HMA)

Jefferson Road – 21st St to M-89
(Crack, Chip, and Fog Seal)

21st Street – 102nd Ave to Jefferson Road
(Crack, Chip, and Fog Seal)

21st Street – 101st Avenue to 102nd Avenue
(Crack, Chip, and Fog Seal)

101st/102nd Ave – 21st Street to 16th Street
(Crack, Chip, and Fog Seal)



2024 Proposed Projects

AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	MILLAGE FUND COSTS	TOWNSHIP & OTHER CONTRIBUTIONS	TOTAL COSTS
1	Laketown & Fillmore	Blue Star Highway -700' south of 141st Avenue to 143rd Avenue	Crush, Shape, and Resurface; Widen to include center left turn lane	1.00	\$160,000.00	MACC-Urban \$170,333.00 CMAQ - Rural \$546,983.00	\$877,316.00
	Saugatuck	Riverside Dr & 62nd St, Village of Douglas to 128th Ave	Mill and Resurface, HMA 4EL - 220 #/syd	2.55	\$515,000.00		\$515,000.00
	Saugatuck	Lakeshore Drive - 126th Avenue to washout	Resurface, HMA 4EL - 220 #/syd	0.99	\$0.00	Township \$200,000.00	\$200,000.00
	SUB-TOTAL AREA 1			3.54	\$675,000.00	\$200,000.00	\$715,000.00
2	Overisel	142nd Ave, 48th St to 46th St & 46th St, 142nd Ave to 142nd Ave	Mill and Resurface, HMA 4EML - 220 #/syd	1.14	\$250,000.00		\$250,000.00
	Overisel	142nd Ave, 46th St to 39th St	Resurface, HMA 4EML - 220 #/syd	3.50	\$485,000.00	Overisel (PS) \$90,000.00	\$650,000.00
	Overisel	40th Street, 146th to Ottawa County Line	Chip and Fog Seal	1.03	\$17,000.00	ACRC (MTF) \$25,000.00	\$42,000.00
	Overisel & Salem	146th Ave, 40th St to 30th St	Chip and Fog Seal	5.00	\$82,500.00	ACRC (MTF) \$117,500.00	\$200,000.00
	Salem	142nd Ave, 39th St to 26th St	Crack Seal	6.51	\$17,000.00	ACRC (MTF) \$29,000.00	\$46,000.00
SUB-TOTAL AREA 2				17.18	\$851,500.00	\$261,500.00	\$1,188,000.00
3	Dorr	142nd Ave, 23rd St to Division	Mill and Resurface, HMA 4EML - 220 #/syd	5.92	\$200,000.00	Federal \$1,100,000.00 State D \$300,000.00	\$1,600,000.00
	Hopkins	135th Ave, 18th St to US-131	Crack Seal	3.11	\$20,250.00		\$20,250.00
	Hopkins/Watson	124th Ave, 15th St east to Existing Asphalt	Reconstruct for Future Paving (1/2 per area)	1.20	\$125,000.00	ACRC (MTF) \$125,000.00 Hopkins (Recon) \$30,000.00	\$280,000.00
	Leighton	146th Ave, Division St to 7th St	Crack, Chip, and Fog Seal	2.47	\$115,000.00		\$115,000.00
	Leighton/Wayland	Patterson Rd, Barry County Line to 141st Ave	Crack Seal	8.94	\$58,200.00		\$58,200.00
	Martin/Wayland	124th Ave, 10th St to Patterson Rd	Mill and Resurface, HMA 4EML - 220 #/syd (split with Area 6)	4.72	\$575,000.00		\$575,000.00
	Wayland	10th St, 124th Ave to Wayland City Limits	Crack, Chip, and Fog Seal	4.67	\$0.00	ACRC (MTF) \$220,000.00	\$220,000.00
SUB-TOTAL AREA 3				26.36	\$1,093,450.00	\$1,555,000.00	\$2,648,450.00



2024 Proposed Projects

AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	MILLAGE FUND COSTS	TOWNSHIP & OTHER CONTRIBUTIONS	TOTAL COSTS
4	Casco	62nd St, 109th Ave to 113th Ave	Crack, Chip, and Fog Seal	2.06	\$50,000.00	ACRC (MTF) \$46,000.00	\$96,000.00
	Casco	Blue Star Highway - N. Shore Drive to Maple Street	Crack, Chip, and Fog Seal	1.98	\$48,500.00	ACRC (MTF) \$44,500.00	\$93,000.00
	Casco	North Shore Dr/72nd St/103rd Ave, Blue Star Highway to 70th St	Crack, Chip, and Fog Seal	2.16	\$50,000.00	ACRC (MTF) \$50,500.00	\$100,500.00
	Ganges	68th St - 114th Ave to Blue Star Highway	Crack Seal	1.33	\$4,500.00	ACRC (MTF) \$4,500.00	\$9,000.00
	Ganges	114th Ave- Blue Star Highway to 68th Street	Crack, Chip, and Fog Seal	1.99	\$49,000.00	ACRC (MTF) \$44,000.00	\$93,000.00
	Lee/Cheshire	102nd Ave/54th St/103rd/52nd St/104th Ave - 60th to 46th	Crack, Chip, and Fog Seal	7.77	\$192,500.00	ACRC (MTF) \$169,000.00	\$361,500.00
	Lee	56th St, 102nd Ave to 109th Ave	Resurface, HMA 4EL - 220 #/syd	3.49	\$470,000.00	Lee (PS - 2.5 mi) \$90,000.00	\$640,000.00
			SUB-TOTAL AREA 4	20.78	\$864,500.00	\$448,500.00	\$1,393,000.00
5	Allegan	Monroe Rd, Grove St to M-40	Resurface, HMA 4EML - 220 #/syd	1.37	\$55,000.00	Small Urban \$140,000.00	\$250,000.00
	Cheshire	102nd Ave - 46th St to M-40	Crack Seal	6.40	\$0.00	ACRC (MTF) \$42,000.00	\$42,000.00
			SUB-TOTAL AREA 5	7.77	\$55,000.00	\$182,000.00	\$292,000.00
6	Hopkins/Watson	124th Ave, 15th St east to existing asphalt	Reconstruct for Future Paving (1/2 per area)	1.20	\$125,000.00	ACRC (MTF) \$125,000.00 Watson (Recon) \$30,000.00	\$280,000.00
	Martin/Wayland	124th Avenue - 10th Street to Patterson Road	Mill and Resurface, HMA 4EML - 220 #/syd (split with Area 3)	4.72	\$575,000.00		\$575,000.00
	Otsego	101st/102nd Ave - 21st St to 16th St	Crack, Chip, and Fog Seal	2.39	\$112,000.00		\$112,000.00
	Otsego	21st - 101st Ave to 102nd Ave	Crack, Chip, and Fog Seal	0.54	\$25,000.00		\$25,000.00
	Otsego	21st - 102nd Ave to Jefferson Rd	Crack, Chip, and Fog Seal	1.55	\$72,500.00		\$72,500.00
	Otsego	Jefferson Rd - 21st St to M-89	Crack, Chip, and Fog Seal	1.06	\$49,500.00		\$49,500.00
			SUB-TOTAL AREA 6	11.46	\$959,000.00	\$155,000.00	\$1,114,000.00
			GRAND TOTAL	87.09	\$4,498,450.00	\$2,802,000.00	\$7,350,450.00



AREA FUND BALANCES

2023 Preliminary Balances

Area	Final 2022 Balances	Preliminary Revenues	Preliminary Expenses	Preliminary 2023 Balance
1	\$91,308.63	\$717,168.63	\$863,814.27	-\$55,337.01
2	\$217,997.41	\$717,168.63	\$829,399.61	\$105,766.43
3	\$380,653.97	\$717,168.63	\$500,001.57	\$597,821.03
4	-\$57,218.43	\$717,168.63	\$538,312.41	\$121,637.79
5	\$34,822.69	\$717,168.63	\$1,893,688.68	-\$1,141,697.36
6	\$282,641.65	\$717,168.63	\$617,168.95	\$382,641.33
Totals	\$950,205.91	\$4,303,011.78	\$5,242,385.49	\$10,832.20

2024 Estimated Balances

Area	Preliminary 2023 Balances	Estimated Revenues	Estimated Expenses	Estimated 2024 Balance
1	-\$55,337.01	\$745,784.00	\$675,000.00	\$15,446.99
2	\$105,766.43	\$745,784.00	\$851,500.00	\$50.43
3	\$597,821.03	\$745,784.00	\$1,093,450.00	\$250,155.03
4	\$121,637.79	\$745,784.00	\$864,500.00	\$2,921.79
5	-\$1,141,697.36	\$745,784.00	\$55,000.00	-\$450,913.36
6	\$382,641.33	\$745,784.00	\$959,000.00	\$169,425.33
Totals	\$10,832.20	\$4,474,704.00	\$4,498,450.00	-\$12,913.80



Proposed Future Projects

AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	MILLAGE FUND COSTS	TOWNSHIP & OTHER CONTRIBUTIONS	TOTAL COSTS	PROPOSED YEAR
1	Fillmore	48th Street - 142nd Avenue to Ottogan Street (2025)	Mill and Resurface, HMA 4EML - 220 #/syd (split with Area 2)	2.77	\$111,625.00	MACC-Urban Area 2 \$400,000.00 \$111,625.00	\$623,250.00	2025
	Fillmore & Manlius	136th Avenue - 50th Street to M-40	Crush, Shape, and Resurface HMA 4EML - 440 #/syd (2 courses) Widen to include center left turn lane	1.22	\$710,000.00	MACC-Urban CMAQ (Rural) \$370,000.00 \$620,000.00	\$1,700,000.00	2026
			SUB-TOTAL AREA 1	3.99	\$821,625.00	\$1,501,625.00	\$2,323,250.00	
2	Overisel	48th Street - 142nd Avenue to Ottogan Street (2025)	Mill and Resurface, HMA 4EML - 220 #/syd (split with Area 1)	2.77	\$111,625.00	MACC-Urban Area 1 \$400,000.00 \$111,625.00	\$623,250.00	2025
	Heath	134th Ave, 41st St to 38th St	Mill and Resurface, HMA 4EML - 220 #/syd	2.48	\$450,000.00		\$450,000.00	2025
			SUB-TOTAL AREA 2	5.25	\$561,625.00	\$511,625.00	\$1,073,250.00	
3	Leighton	Division St, Wayland City Limits to 1,000' south of 138th Ave	Mill, Chipseal, and Resurface, HMA 4EML - 220 #/syd	1.00	\$220,000.00		\$220,000.00	2025
	Wayland	4th St, 133rd Ave to 135th Ave	Renovate, Crush, Shape, and Resurface HMA 4EML - 440 #/syd (2 courses)	1.02	\$390,000.00	Wayland (REN) \$35,000.00 Wayland (PS) \$25,000.00	\$450,000.00	2025
	Dorr	146th Ave, 22nd St to 18th St	Reconstruct for Future Paving	1.90	\$400,000.00	ACRC (MTF) \$400,000.00 Dorr (Recon) \$95,000.00	\$895,000.00	2025
	Dorr	146th Ave, 22nd St to 18th St	Resurface, HMA 4EML - 440 #/syd (2 courses)	1.90	\$480,000.00	Dorr (PS) \$80,000.00	\$560,000.00	2026
	Hopkins/Watson	124th Ave, 15th St east to Existing Asphalt	Pave, HMA 4EML - 440 #/syd (2 courses)(1/2 per area)	1.20	\$160,000.00	Hopkins (PS) \$25,000.00	\$185,000.00	2025
	Leighton	142nd Ave, 2nd St, 141st Ave, Kalamazoo Dr to Patterson Rd	Mill and Resurface, HMA 4EML - 220 lb/syd	3.25	\$120,000.00	Fed Aid Buyout \$480,000.00	\$600,000.00	2026
			SUB-TOTAL AREA 3	10.27	\$1,770,000.00	\$660,000.00	\$2,310,000.00	



Proposed Future Projects

AREA	TOWNSHIP	PROJECT LOCATION	TYPE OF WORK	MILES	MILLAGE FUND COSTS	TOWNSHIP & OTHER CONTRIBUTIONS	TOTAL COSTS	PROPOSED YEAR
4	Ganges	Blue Star Highway - 118th Avenue to M-89	Renovate, Crush, Shape, and Resurface HMA 4EML - 440 #/syd (2 courses)	3.05	\$220,000.00	Federal \$880,000.00	\$1,100,000.00	2025
	Ganges & Clyde	122nd Ave, Blue Star Hwy to 58th St	Resurface, HMA 4EML - 220 #/syd	5.04	\$695,000.00	Ganges (PS) \$100,000.00 Clyde (PS) \$25,000.00	\$820,000.00	2025
	Ganges	113th Avenue - 66th Street to 56th Street	Resurface, HMA 4EML - 220 #/syd	4.94	\$790,000.00		\$790,000.00	2026
			SUB-TOTAL AREA 4	13.03	\$1,705,000.00	\$1,005,000.00	\$2,710,000.00	
5	Cheshire	104th Ave & 40th St, 42nd St to 108th Ave	Resurface, HMA 4EML - 220 #/syd	2.64	\$375,000.00	Cheshire (PS) \$75,000.00	\$450,000.00	2025
	Allegan & Valley	37th Street, 113th Avenue, 33rd Street - 112th Avenue to City of Allegan	Mill and Resurface, HMA 4EML - 220 #/syd	2.51	\$440,000.00		\$440,000.00	2025
			SUB-TOTAL AREA 5	5.15	\$815,000.00	\$75,000.00	\$890,000.00	
6	Otsego	106th Ave, M-89 to Otsego City Limits	Renovate, Crush, Shape, and Resurface HMA 4EML - 440 #/syd (2 courses)	1.43	\$600,000.00	Otsego (REN) \$50,000.00 Otsego (PS) \$60,000.00	\$710,000.00	2025
	Hopkins/Watson	124th Ave, 15th St east to existing asphalt (2025)	Resurface, HMA 4EML - 440 #/syd (2 courses)(1/2 per area)	1.20	\$160,000.00	Watson (PS) \$25,000.00	\$185,000.00	2025
	Martin	122nd Avenue - 4th Street to Patterson Road	Reconstruct for future paving	1.75	\$1,112,500.00	Martin (Recon) \$87,500.00	\$1,200,000.00	2026
	Martin	122nd Avenue - 4th Street to Patterson Road	Pave, HMA 4EML - 440 #/syd (2 courses)	1.75	\$375,000.00	Martin (PS) \$70,000.00	\$445,000.00	2027
			SUB-TOTAL AREA 6	6.13	\$2,247,500.00	\$292,500.00	\$2,540,000.00	
			GRAND TOTAL	43.82	\$7,920,750.00	\$4,045,750.00	\$11,846,500.00	



DISCUSSION AND QUESTIONS

Allegan County Road Commission

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